Student Engagement, Collaboration and Competency: Keeping Integrity and Ethics of Learning in an Online Course

Luis A. Vazquez, Regents Professor
 Associate Vice President for Research Integrity
Student Engagement

• **Rule Orientation: Compliance and Self-Efficacy:** socialization influences from rules and learning from experiences.

• **Role Orientation: Identification and Academic Identity:** feelings of belonging to a community of university persons, affiliates and perceives academics as an important aspect of their identity, then the more they become that role.

• **Value Orientation: Internalization of the values of the Academic Community:** the valuing of academic achievement, internalizing the self value of learning, developing an academic identity.
The Combinations of Our Communication
Mehrabian (1967)-Decoding of inconsistent communications

- 55% Body Language (facial liking)
- 38% Tone (vocal liking)
- 7% Words (verbal liking)
Low Context - High Context Communication


Low Context

**Color**

**Social Status**

**Language Preferences**

Gender

High Context

**Color**

**Culture**

**Social Setting**

**Language**

Situation:

- Task
- Words
- Social Setting
- History
- *Intelligence
- *Personality
- *Emotional Intelligence

Tone

Gestures

*Intelligence

*Personality

*Emotional Intelligence

**Intelligence

**Personality

**Emotional Intelligence

**Intelligence
Communication and Emotional Intelligence

THE PHYSICAL PATHWAY FOR EMOTIONAL IQ STARTS IN THE BRAIN, AT THE SPINAL CORD. YOUR PRIMARY SENSES ENTER HERE AND MUST TRAVEL THROUGH THE LIMBIC SYSTEM, THE PLACE WHERE EMOTIONS ARE EXPERIENCED, THEN TO THE RATIONAL CENTER, THE PLACE OF COMMUNICATION.
Emotional Intelligence: Impact on Intelligence and Personality
Impact of Emotional IQ on The Tree of Life

EMOTIONAL IQ IS THE FOUNDATION FOR A HOST OF CRITICAL SKILLS.
Techno-ethical inquiry in Academia

• examines how technology impacts the roles & values of education in society.

• Considers changes in student values & behavior related to technology, including access to inappropriate material, online plagiarism, using material copied from the internet, or purchasing papers from online resources and passing them as their own.

• Examines the digital divide that exists between educational institutions and the students they serve in the classroom.
Technoethics (TE)

• Interdisciplinary Research: concerned with all moral and ethical aspects of technology in society.

• Focuses on the impact of technology across all disciplines.

• Developing Digital Citizens
Digital Citizen: Respect, Educate & Protect

- Digital Access
- Digital Communication
- Digital Literacy
- Digital Etiquette
- Digital Law
- Digital Rights and Responsibilities
- Digital Health and Wellness
- Digital Security
Challenges to Online Teaching

- **Isolation:** students working alone often called, “Digital Islands”

- **Instructors Blind Spots:** what seems easy to the instructor is not for the student

- **Intellectual engagement** through progressive inquiry

- **Collaboration** among students, learning in and outside the classroom

- **Continuous feedback**
Current Technology Challenges

• a) ensuring students have appropriate hardware, software and skill set for optimal participation

• b) Instructors identifying new methods for teaching

• c) Instructors learning how to use the methods for teaching

• d) The university committing the resources for online
Student’s Pre-requisites

– Early distribution of a syllabus that list requirements before registering for the course

– Technological and skill requirements

– Technological equipment i.e., camera, adobe, etc.
Identifying and Learning New Methods

• In house instructional resources: Teaching Academies: Universities investing time & Resources

• External: Quality Matters (QM) program
  – Offers professional development opportunities
  – Web-based training
  – On-site workshops
  – Learning best practices
Faculty can Learn as a Student

• Instructors become students on free Massive Open Online Courses (MOOCS) free of costs i.e., EdX.org, nonprofit organization founded by Harvard University, Massachusetts Institute of Technology

• Faculty Sharing Courses: Peer Learning
Project Based Learning (PBL) for Research

- **Progressive Inquiry**: “Student-driven, Teacher facilitated approach to learning”, “students develop a question and are guided through research under teacher’s supervision” (Bell 2010, 39).

- Increases student motivation, cognitive engagement and retention over passive forms of teaching.
PBL: Assignment/Exam

- **Teaching Applied Research: Online Challenges**
  - Time Intensive
  - Hard to monitor
  - Challenging to coordinate at different locations

**SOLUTIONS:**

Open Access Data: High School and Beyond Data Base
Introduction Templates; Literature Review Templates;

Develop Virtual Collaborative Research Circles:
  - Research question, Literature Review, Methodology, Data, Analysis, Results and Discussion

New Mexico State University
QUESTIONS?

Dr. Luis A. Vazquez, Regents Professor
Associate Vice President for Research Integrity
New Mexico State University

lvazquez@nmsu.edu